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Pg. 7, lines 1-9; Pg. 7, line 29-Pg. 8, line 1; and throughout the specification of the '493 reference).

Correspondingly, the cited '493 reference entirely fails to disclose calculation of the target pressure for the compressor, much less such calculation in real time as specifically recited in independent claim 1. Instead, the system disclosed in the '493 reference merely provides a system for selecting which of the three predetermined set pressures should apply in operating conditions of the vehicle, including coasting and braking. Thus, the withdrawal of this rejection and allowance of claims 1-2, and 12 are respectfully requested.

Independent claim 8 of the present application also requires the control system to calculate a target pressure in real time, and independent claim 13 recites that the target means calculates in real time, a target pressure for the reservoir downstream of the compressor. For the reasons set forth above in addressing the Examiner's rejection of claim 1, the Applicants respectfully contend that cited '493 reference fails to disclose each and every limitation of the recited independent claims 8 and 13. In this regard, in contrast with the present invention where the target pressure for the compressor is actually calculated in real time, and is dependent upon sensed vehicle conditions, the system of the cited '493 reference merely discloses selection of predetermined target pressures. Correspondingly, the withdrawal of this rejection, and the allowance of independent claims 8 and 13 are also respectfully requested.

Referring again to the Office Action, claims 4-5 and 9-11 were rejected under 35 U.S.C. 103(a) as being unpatentable over the '493 reference discussed above. However, this rejection is believed to be rendered moot in view of the above in that claims 4-5 are ultimately dependent on claim 1. In addition, independent claim 9 also recites a means to calculate target pressure for the reservoir in real time, and dependent claims 10 and 11 are ultimately dependent on independent claim 9. Again, it is respectfully noted that selection of predetermined values for the pressure disclosed in the '493 reference is not calculation of the target pressure as recited in these claims. Correspondingly, the withdrawal of this rejection and the allowance of these claims are also requested.

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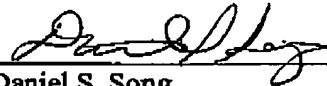
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In view of the foregoing, it is submitted that the present application is in condition for allowance and a notice to that effect is respectfully requested. However, if the Examiner deems that any issue remains after considering this response, he is invited to call the undersigned to expedite the prosecution and work out any such issue by telephone.

Respectfully submitted,



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